

Premolded cable termination, indoors and outdoors

SOT 12–36 kV

Use

Premolded cable termination for XLPE- and EPR-insulated cables 1- or 3-core with Al or Cu conductors for 12–36 kV. The indoor termination can also be installed in a humid indoor environment*.

Standard

Meets the requirements of:

- CENELEC, HD 629.1 S1
- IEEE 48 1996

Design

Premolded cable termination made of silicone rubber with integrated field control and top sealing. The outdoor type is provided with permanent sheds for extended creepage distance.

The termination is supplied in kits for 1- or 3-core cables.

- 3-phase kits for outdoor use include branch seal and protective heat-shrink hoses.

* For the best watertightness in an indoor humid environment, order branch seal kit TSH for 3-core cables. See page 2/48.



SOT 1- and 3-core outdoor.

SOT 1- and 3-core indoor.

Note:

- Cable lugs are to be ordered separately.

Always select products by cable insulation diameter.

Insulation diameter mm	Conductor cross section mm ²			Designation	Weight kg/kit	Designation	Weight kg/kit
	12 kV	24 kV	36 kV				
				Indoor termination incl. branch seal for 3-core			
11–15	10–35	10–16	–	SOT 241A-3C	0.9	–	–
15–26	50–95	25–50	–	SOT 241–3C	0.9	–	–
15–26	120–185	70–120	–	SOT 241–3D	1.3	–	–
24–39	185–400	150–400	–	SOT 242-3D	1.4	–	–
				Indoor termination 3-core / 3 x 1-core		Indoor termination 1-phase kit	
11–15	10–35	10–16	–	SOT 241 A-3	0.60	SOT 241 A	0.20
15–26	50–185	25–120	–	SOT 241–3	0.60	SOT 241	0.19
24–39	185–500	150–400	–	SOT 242-3	0.70	SOT 242	0.23
38–54	630**	500–630**	–	SOT 242 B-3	0.90	SOT 242 B	0.30
				Outdoor termination incl. branch seal for 3-core		Outdoor termination 1-phase kit	
11–15	10–35	10–16	–	SOT 243 A-3	1.90	SOT 243 A	0.31
15–24	50–150	25–70	–	SOT 243-3	1.80	–	–
22–33	150–300	95–240	–	SOT 244-3	2.00	–	–
31–40	400–500	300–400	–	SOT 245-3	2.50	–	–
				Indoor/outdoor termination 3-core		Indoor/outdoor termination 1-phase kit	
	–	–		SOT 361–3			
				Outdoor termination 3 x 1-core		Outdoor termination 1-phase kit	
15–24	50–150	25–70	–	SOT 243-31	0.80	SOT 243	0.27
22–33	150–300	95–240	–	SOT 244-31	0.90	SOT 244	0.30
31–40	400–500	300–400	–	SOT 245-31	1.11	SOT 245	0.38
38–54	500–630**	500–630*	–	SOT 246-31	1.50	SOT 246	0.51
				Indoor/outdoor termination 3 x 1-core		Indoor/outdoor termination 1-phase kit	
26–39	–	–	70–300	SOT 361–31	1.40	SOT 361	0.42
38–54	–	–	400–630*	SOT 362-31	1.60	SOT 362	0.52

* Can be mounted on cables with 800 and 1000 mm² by using silicone rubber tape IA 2342 (1 per kit) as top seal, see page 3/3.